Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 18 Oct 2023 until 23:59 on Thursday 19 Oct 2023

Forecast Issued on Tuesday 17 Oct 2023 at 12:48

Confidence: High at first but lower for rainfall detail through the week.

Headline for Wednesday 18 Oct 2023: Mainly dry but very windy on Wednesday.

Mountain weather hazards on Wednesday 18 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability							
10%	10%	10%	10%	10%	10%	20%	40%

Forecast for Wednesday 18 Oct 2023

Weather: A mainly dry day with some patchy low cloud around at first but breaking and lifting to allow sunny spells through the day. Clouding over during the evening with some rain edging in from the south towards midnight. Very strong winds the main hazard of the day.

Chance of cloud-free hill tops above 600m: 80-90%

Low Cloud and visibility: Scattered low cloud base 700-800m at first, low cloud spreading in from the south late evening, base 500-700m. Visibility generally good but reducing to moderate in any rain arriving before the end of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 18 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/37 E	25/38 E	25/38 E	27/40 E	29/43 E	29/43 E	28/44 E	29/44 E	25/38 E
300	13/32 E	17/38 E	18/39 E	20/41 E	21/42 E	18/39 E	20/42 E	19/42 E	18/37 E
Valley	17/38 E	17/37 E	20/42 E	20/42 E	20/42 E	21/44 E	24/50 E	20/44 E	16/36 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/0	6/0	6/1	9/4	9/4	7/2	8/2	8/3
300	8/5	8/4	8/4	9/6	12/8	11/8	10/6	10/6	10/7
Valley	10/6	10/6	10/6	11/7	13/10	13/9	12/8	12/8	12/9
Freezing Level*	1800m	1800m	2200m	2900m	3000m	3100m	3100m	3300m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be aware of strong winds, particularly at height, despite the otherwise fine conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 17 Oct 2023	0mm	0mm	1.2mm

Forecast for Thursday 19 Oct 2023

Weather: Heavy rain pushing northwards through the early hours, briefly drier for a time during the morning but further outbreaks of rain, heavy at times, expected through the day. Winds less strong compared to Wednesday.

Maximum wind: East or southeasterly 15-20mph gusting 30-35mph

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Broken low cloud base 500-700m throughout much of the day. Visibility moderate in rain, improving to good at lower levels in drier interludes.

Temperature: **Valleys:** Plus 11 rising to plus 15 Celsius
At 600m: Plus 8 rising to plus 11 Celsius
Freezing level: Above summits

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